**Polygons**

1. What is a polygon?
2. What is a Regular polygon?
3. What is an irregular polygon?

**Activity 1**

Students to design a table with the following headings.

This can be completed as a table in WORD(diagrams do have to be added).

This needs to be saved in a folder labelled, “Space two dimensional shapes”

**The table should contain polygons with sides up to 12.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Shape | No. of sides | No. of edges | No. of Vertices | No. of internal angles | Size of internal angles | Sum of angles |
| Triangle  (eg. Equilateral) |  | 3 | 3 | 3 | 3 | 60° | 180° |
| Quadrilateral(square, rectangle, trapezium etc) |  |  |  |  |  |  |  |
|  |  | 5 |  |  |  |  |  |
|  |  | 6 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |